

9

sequence numbers, the named sequence generator having inputs and outputs, the named sequence generator coupled to the relational system and coupled to the object-oriented system by the exchange unit.

73. The system of claim 72, further comprising:

a declarative specification of a named sequence generator, the declarative specification describing a name of a sequence and an associated current sequence number, the name and current sequence number stored in a database metadata table.

10

74. The system of claim 73, wherein the named sequence generator returns a range of sequence numbers based on an increment value.

75. The system of claim 66, wherein the object relational mapping data structure includes a mapping for a stored procedure executable by an engine in the relational system, the stored procedure being invokable by an application program using the exchange unit and creating an object with a value returned by executing the stored procedure.

* * * * *